

Title (en)
VOLTAGE MEASURING DEVICE

Title (de)
SPANNUNGSMESSVORRICHTUNG

Title (fr)
DISPOSITIF DE MESURE DE TENSION

Publication
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Application
EP 14738543 A 20140528

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Abstract (en)
[origin: WO2014191695A1] The invention concerns a method for measuring the voltage of at least one conductor (121, 122, 123) of an electrical power cable (10) comprising the following steps: providing a container (22) made from a conductive material around a portion of the cable and at least one electric field sensor (301, 302, 303, 304) between the container and the cable; bringing the container to a constant potential and measuring the electric field by means of the sensor; and determining said voltage by comparing the measured electric field with electric fields simulated for a plurality of configurations of punctual electric charges.

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